

SUBSTITUTE SPECIFICATION

## INNOVATIVE MINUS POWER LENS AND PROCESSING METHODS THEREOF



## SPECIFICATION

Substitute spec  
Entry Approved  
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SPB

## FIELD OF THE INVENTION

My present invention relates to a myopic correcting  
5 lens for medium-to-strong to particularly strong prescriptions.  
In particular, the invention relates to a finished or  
semi-finished lens and the processing methods thereof. "Finished  
lens" means a lens with both surfaces finished, whereas  
"semi-finished" lens means a lens with one surface finished.

## BACKGROUND OF THE INVENTION

10 New high index mineral or plastic materials are  
continuously being developed. Finished lenses, though premium  
cosmetics, are industrially produced to cater only to medium to  
low correction. People with high myopia require strong  
15 correcting lenses with a short radius of curvature and thick  
edges, which are difficult or impossible to fit in some eyeglass  
frames, thus restricting the selection of frames for nearsighted  
people. In addition, heavy eyeglasses are less comfortable and  
attractive. Appearance is further penalized by the "coke bottle"  
20 effect which is visible at the periphery of the eyeglasses. The  
effect is due to the reflections of the edging that the finished  
and fit lens causes to converge within, depending on the edge  
thickness.